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DECLARATION AND POWER OF ATTORNEY

Atty. Dkt. No.: 8540G-000083
Client Ref. No. GP-301170

DECLARATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FUEL CELL ENERGY MANAGEMENT SYSTEM FOR COLD ENVIRONMENTS

the specification of which (check one)

- ☒ is attached hereto.
or
☐ was filed on _____ as Application Serial No. _____ and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under Title 35, United States Code, section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

			Priority Claim	
			<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>
			Yes	No

DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States Provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATIONS

application serial number month/day/year filed

application serial number month/day/year filed

PRIOR U.S. APPLICATIONS

I hereby claim the benefit under Title 35, United States Code, section 120 of any United States application(s) listed below:

Application Serial No.	Filing Date	Status - patented, pending, abandoned
██████████	██████████	██████████
██████████	██████████	██████████

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) Linda M. Deschere, Patent Office Registration No. 34,811; Michael D. Wiggins, Patent Office Registration No. 34,754; Lawrence B. Plant, Patent Office Registration No. 22,684; Anthony L. Simon, Patent Office Registration No. 34,434; and Karl F. Barr, Patent Office Registration No. 33,155 as my attorney(s) and/or agent(s), to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith.

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Linda M. Deschere, Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

DECLARATION AND POWER OF ATTORNEY

Full name of sole or first inventor: William S. Wheat

Inventor's signature: _____

Date: 07/30/01

Residence: 76 Crosman Terrace, Rochester, New York 14620

Citizenship: United States of America

Mailing Address: Same

Full name of second inventor: Mark A. Meltser

Inventor's signature: _____

Date: _____

Residence: 160 Oakshire Way, Rochester, New York 14534

Citizenship: United States of America

Mailing Address: Same

Full name of third inventor: David A. Masten

Inventor's signature: _____

Date: _____

Residence: 30 Knollbrook Road, Apartment 6, Rochester, New York 14610

Citizenship: United States of America

Mailing Address: Same

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(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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Date: _____

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Citizenship: United States of America

Mailing Address: Same

Full name of second inventor: Mark A. Meltser

Inventor's signature: Mark Meltser

Date: 08.01.01

Residence: 160 Oakshire Way, Rochester, New York 14534

Citizenship: United States of America

Mailing Address: Same

Full name of third inventor: David A. Masten

Inventor's signature: _____

Date: _____

Residence: 30 Knollbrook Road, Apartment 6, Rochester, New York 14610

Citizenship: United States of America

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(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/>	<input type="checkbox"/>

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





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application serial number month/day/year filed

application serial number month/day/year filed

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Inventor's signature: _____

Date: _____

Residence: 76 Crosman Terrace, Rochester, New York 14620

Citizenship: United States of America

Mailing Address: Same

Full name of second inventor: Mark A. Meltser

Inventor's signature: _____

Date: _____

Residence: 160 Oakshire Way, Rochester, New York 14534

Citizenship: United States of America

Mailing Address: Same

Full name of third inventor: David A. Masten

Inventor's signature: David Masten

Date: August 9, 2001

Residence: 30 Knollbrook Road, Apartment 6, Rochester, New York 14610

Citizenship: United States of America

Mailing Address: Same



UNITED STATES
PATENT AND
TRADEMARK OFFICE

088406-0000830

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✓ OAM

NOVEMBER 20, 2001

PTAS

HARNESS, DICKEY & PIERCE, P.L.C.
LINDA M. DESCHERE
P.O. BOX 828
BLOOMFIELD HILLS, MI 48303

Under Secretary of Commerce For Intellectual Property and
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RECORDATION DATE: 09/07/2001

REEL/FRAME: 012158/0519
NUMBER OF PAGES: 12

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WHEAT, WILLIAM S.

DOC DATE: 07/30/2001

ASSIGNOR:

MELTSER, MARK A.

DOC DATE: 08/01/2001

ASSIGNOR:

MASTEN, DAVID A.

DOC DATE: 08/09/2001

ASSIGNEE:

GENERAL MOTORS CORPORATION
300 RENAISSANCE CENTER, P.O. BOX
300
MAIL CODE 482-C23-B21
DETROIT, MICHIGAN 48265-3000

SERIAL NUMBER: 09948897

PATENT NUMBER:

FILING DATE: 09/07/2001

ISSUE DATE:

012158/0519 PAGE 2

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
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Document ID #
☐ Correction of PTO Error
☐ Reel # Frame #
☐ Corrective Document
☐ Reel # Frame #

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- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other

U.S. Government

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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

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Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

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☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

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State/Country

Zip Code

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16821 U.S. PTO
09/948897
09/07/01

Correspondent Name and Address

Area Code and Telephone Number

248-641-1600

Name Linda M. Deschere

Address (line 1) Hamess, Dickey & Pierce, P.L.C.

Address (line 2) P.O. Box 828

Address (line 3) Bloomfield Hills, MI 48303

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document
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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
07 30 2001

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application
Number as not been assigned.

PCT	<u></u>	PCT	<u></u>	PCT	<u></u>
PCT	<u></u>	PCT	<u></u>	PCT	<u></u>

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:
Deposit Account

Enclosed ☐

Deposit Account ☒

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

07-0960

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Linda M. Deschere, Reg. No. 34,811

Name of Person Signing


Signature

7 Sept 01
Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) David A. Masten

Execution Date
Month Day Year
08 09 2001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

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Patent Application Number(s)

Patent Number(s)

1c821 U.S. PTO
09/948897



09-18-2001

FORM PTO-1619A
Expires 06/30/99
OMR 0651-0027



U.S. Department of Commerce
Patent and Trademark Office
PATENT

101846343
RECORDATION FORM COVER SHEET
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9.7.01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
 Document ID #
☐ Correction of PTO Error
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☐ Corrective Document
 Reel # Frame #

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(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)☒ Mark if additional names of conveying parties attached

Name (line 1) William S. Wheat

Execution Date
Month Day Year
07 30 2001

Name (line 2) **Second Party**

Name (line 1) Mark A. Meltser

Execution Date
Month Day Year
08 01 2001

Name (line 2) **Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) General Motors Corporation

Name (line 2)

Address (line 1) Mail Code 482-C23-B21

Address (line 2) 300 Renaissance Center, P.O. Box 300

Address (line 3) Detroit

Michigan

48265-3000

City

State/Country

Zip Code

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3/13/2001 EHAILE1 00000043 070960 03948897

3 FC:581

40.00 CH

JAN 21 10 51 AM '01

09/948897



09/07/01

Correspondent Name and Address

Area Code and Telephone Number

248-641-1600

Name Linda M. Deschere

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PCT PCT PCT
PCT PCT PCT

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Name of Person Signing

Linda M. Deschere
Signature

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Expires 06/30/99
OMR 0651-0077

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09/07/01

United States and
Foreign (Joint)

Case: GP-301170
8540G-000083

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, William S. Wheat, a citizen of the United States, and residing at 76 Crosman Terrace, Rochester, NY 14620, Mark A. Meltser, a citizen of the United States, and residing at 160 Oakshire Way, Rochester, New York 14534, and David A. Masten, a citizen of the United States, and residing at 30 Knollbrook Road, Apartment 6, Rochester, New York 14610, respectively, hereby sell, assign and transfer to General Motors Corporation a corporation duly organized and existing under the laws of the State of Delaware and having a place of business at Detroit, Michigan as assignee, and its successors, assigns and legal representatives, the entire right, title and interest for the United States of America and all countries in and to certain inventions relating to

FUEL CELL ENERGY MANAGEMENT SYSTEM FOR COLD ENVIRONMENTS

which are described in the specification in an application, executed by

William S. Wheat on the 30 day of July, 2001;

Mark A. Meltser on the 1 day of August, 2001;

David A. Masten on the 9 day of August, 2001;

(and I hereby authorize my attorneys, authorized to prosecute the application, to here insert the filing date and serial number of the application, as soon as it is known, Serial No. _____, filed _____) and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor.

We request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries, and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We covenant with the assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

STATE OF)
) ss.
COUNTY OF)

Notary Public
My Commission Expires:

United States and
Foreign (Joint)

Mark A. Meltser

STATE OF

COUNTY OF

)
) ss.
)

On this ____ day of _____, 2001, personally appeared before me Mark A. Meltser, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public
My Commission Expires:




David A. Masten

STATE OF *New York*

COUNTY OF *Monroe*

)
) ss.
)

On this 9 day of August, 2001, personally appeared before me David A. Masten, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.



Notary Public
My Commission Expires: 8-21-01

JAMES L. SALLER
NOTARY PUBLIC, State of New York
Monroe County # 4954954
My Commission Expires 8-21-01

United States and
Foreign (Joint)

Case: GP-301170
8540G-000083

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, William S. Wheat, a citizen of the United States, and residing at 76 Crosman Terrace, Rochester, NY 14620, Mark A. Meltser, a citizen of the United States, and residing at 160 Oakshire Way, Rochester, New York 14534, and David A. Masten, a citizen of the United States, and residing at 30 Knollbrook Road, Apartment 6, Rochester, New York 14610, respectively, hereby sell, assign and transfer to General Motors Corporation a corporation duly organized and existing under the laws of the State of Delaware and having a place of business at Detroit, Michigan as assignee, and its successors, assigns and legal representatives, the entire right, title and interest for the United States of America and all countries in and to certain inventions relating to

FUEL CELL ENERGY MANAGEMENT SYSTEM FOR COLD ENVIRONMENTS

which are described in the specification in an application, executed by
William S. Wheat on the _____ day of _____, 2001;
Mark A. Meltser on the _____ day of _____, 2001;
David A. Masten on the _____ day of _____, 2001;
(and I hereby authorize my attorneys, authorized to prosecute the application, to here insert the filing date and serial number of the application, as soon as it is known, Serial No. _____, filed _____) and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor.

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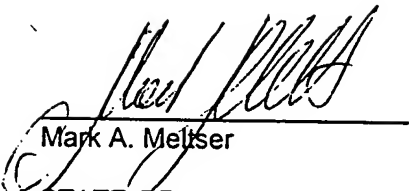
We authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

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STATE OF)
) ss.
COUNTY OF)

Notary Public
My Commission Expires:

United States and
Foreign (Joint)

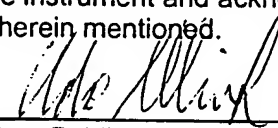

Mark A. Meltser

STATE OF

COUNTY OF

)
) ss.
)

On this 1 day of August, 2001, personally appeared before me Mark A. Meltser, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.


~~Notary Public~~

~~My Commission Expires:~~ witness:

David A. Masten

STATE OF

COUNTY OF

)
) ss.
)

On this ____ day of _____, 2001, personally appeared before me David A. Masten, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public

My Commission Expires:

United States and
Foreign (Joint)

Case: GP-301170
8540G-000083

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, William S. Wheat, a citizen of the United States, and residing at 76 Crosman Terrace, Rochester, NY 14620, Mark A. Meltser, a citizen of the United States, and residing at 160 Oakshire Way, Rochester, New York 14534, and David A. Masten, a citizen of the United States, and residing at 30 Knollbrook Road, Apartment 6, Rochester, New York 14610, respectively, hereby sell, assign and transfer to General Motors Corporation a corporation duly organized and existing under the laws of the State of Delaware and having a place of business at Detroit, Michigan as assignee, and its successors, assigns and legal representatives, the entire right, title and interest for the United States of America and all countries in and to certain inventions relating to

FUEL CELL ENERGY MANAGEMENT SYSTEM FOR COLD ENVIRONMENTS

which are described in the specification in an application, executed by
William S. Wheat on the _____ day of _____, 2001;
Mark A. Meltser on the _____ day of _____, 2001;
David A. Masten on the _____ day of _____, 2001;
(and I hereby authorize my attorneys, authorized to prosecute the application, to here insert the filing date and serial number of the application, as soon as it is known, Serial No. _____, filed _____) and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor.

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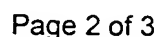
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We covenant with the assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

STATE OF TEXAS)
) ss.
COUNTY OF HARRIS)

Bridgett A. Kena
Notary Public
My Commission Expires:



United States and
Foreign (Joint)

Mark A. Meltser

STATE OF)
) ss.
COUNTY OF)

On this ____ day of _____, 2001, personally appeared before me Mark A. Meltser, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public
My Commission Expires:

David A. Masten

STATE OF)
) ss.
COUNTY OF)

On this ____ day of _____, 2001, personally appeared before me David A. Masten, to me known to be the person who executed the above instrument and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public
My Commission Expires: